

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L3    | 212  | ((switch\$3 select\$3) same turbo same viterbi)          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/03<br>22:53 |
| L4    | 4    | 3 and "341"/\$.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/03<br>22:54 |
| S1    | 6    | ((("6166667") or ("20030018942") or ("20020129317")).PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/03/27<br>14:33 |
| S3    | 4    | 09/908003  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/27<br>14:42 |
| S4    | 2    | 10/197730  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/27<br>14:43 |
| S5    | 1577 | decod\$3 same (viterbi convolution) same turbo           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/27<br>16:56 |
| S6    | 284  | S5 and channel adj2 decoder                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/27<br>16:57 |

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| S7  | 13  | S6 and "341"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>16:58 |
| S8  | 36  | S5 and "341"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>16:58 |
| S9  | 278 | S5 and 3gpp  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>17:07 |
| S10 | 172 | S9 and mode  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>17:07 |
| S12 | 30  | S10 and siso   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>17:08 |
| S13 | 9   | ("20020162074"  <br>"20030005388"  <br>"20030101402"  <br>"20030118122"  <br>"20040025102"  <br>"20040044946"  <br>"6807239"   "6851039"  <br>"6865710").PN. OR<br>("7200798").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/27<br>17:19 |
| S14 | 12  | (decod\$3 same (viterbi<br>convolution) same turbo)<br>and (switch\$3 with mode)<br>and (systematic adj2 bit)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>17:24 |
| S15 | 7   | ("5594742"   "5881106"  <br>"6226332"   "6600794"  <br>"6757865"   "6848074").<br>PN. OR ("7020214").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/27<br>17:28 |

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| S16 | 7    | ((viterbi convolution) adj2 decod\$3 adj2 mode) and (turbo adj2 decod\$3 adj2 mode)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>17:31 |
| S18 | 7    | ("20020015401"  <br>"20020119803"  <br>"20030026359"  <br>"20030138030"  <br>"20040174848"  <br>"20040243908"  <br>"20060003795").PN. OR<br>("7269777").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/03/27<br>17:57 |
| S19 | 7    | ("20020015401"  <br>"20020119803"  <br>"20030026359"  <br>"20030138030"  <br>"20040174848"  <br>"20040243908"  <br>"20060003795").PN. OR<br>("7269777").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/03/27<br>18:01 |
| S20 | 49   | S5 and dual adj2 mode\$1   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>18:05 |
| S21 | 10   | ("20020119803"  <br>"20030154357"  <br>"20040015773"  <br>"20040243908"  <br>"20040255230"  <br>"20050010854"  <br>"20050034051"  <br>"20050044327"  <br>"20050278603"  <br>"6577678").PN. OR<br>("7159169").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/03/27<br>18:08 |
| S22 | 1212 | (714/755).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/27<br>18:18 |
| S23 | 2    | ((viterbi convolution) adj2 mode) and (turbo adj2 mode) and S22  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>18:22 |

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| S24 | 11  | ((viterbi convolution) adj2 mode) and (turbo adj2 mode) and "714"/\$.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:22 |
| S25 | 5   | ((viterbi convolution) adj2 mode) and (turbo adj2 mode) and "375"/\$.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:24 |
| S26 | 1   | ((viterbi convolution) adj2 mode) and (turbo adj2 mode) and "341"/\$.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:24 |
| S27 | 0   | ((viterbi convolution) adj2 mode) and (turbo adj2 mode) and "455"/\$.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:24 |
| S28 | 140 | ((viterbi convolution) adj2 decod\$3) and (turbo adj2 decod\$3) and "455"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:25 |
| S29 | 552 | ((viterbi convolution) adj2 decod\$3) and (turbo adj2 decod\$3) and "375"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:25 |
| S30 | 33  | ((viterbi convolution) adj2 decod\$3) and (turbo adj2 decod\$3) and "341"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:25 |
| S32 | 67  | S28 and switch\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/27<br>18:39 |

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| S33 | 262  | (turbo adj3 decod\$3) and (viterbi adj2 decod\$3) and ((switch\$3 select\$3 dual reconfigur\$5) with mode)                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>22:48 |
| S34 | 49   | S33 and sis   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>22:49 |
| S35 | 213  | S33 not S34   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>22:55 |
| S36 | 62   | (turbo near3 decod\$3) and (viterbi near3 decod\$3) and ((switch\$3 select\$3 dual reconfigur\$5) with mode) and "714"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>23:13 |
| S38 | 4    | ("5432804"   "6484283"   "6678857"   "6813742"). PN. OR ("7149951"). URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/03/27<br>23:37 |
| S39 | 59   | (341/82).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/27<br>23:41 |
| S40 | 91   | (341/81).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/27<br>23:41 |
| S41 | 640  | (341/94).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/27<br>23:41 |
| S42 | 1772 | (375/341).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/27<br>23:41 |

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| S43 | 1212 | (714/755).CCLS.                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/27<br>23:41 |
| S44 | 26   | (gideon near3 kutz).in.<br>(amir near2 chass).in. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/27<br>23:42 |
| S45 | 6072 | (freescale adj2<br>semiconductor).as.             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/03<br>22:35 |
| S46 | 6    | S45 and (turbo and<br>viterbi)                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/03<br>22:35 |
| S48 | 41   | (switch\$3 same turbo<br>same viterbi)            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/03<br>22:38 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs                      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------------|------------------|---------|------------------|
| L1    | 20   | ((switch\$3 select<br>\$3) same turbo<br>same viterbi).clm. | US-PGPUB;<br>USPAT; UPAD | OR               | ON      | 2009/09/03 22:51 |
| L2    | 220  | ((switch\$3 select<br>\$3) same turbo<br>same viterbi)      | US-PGPUB;<br>USPAT; UPAD | OR               | ON      | 2009/09/03 22:53 |

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